



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D412-704-015
Job Sheet 191200



Part No: D412-704-015

Job Qty: 1 pcs

Part Name: Co-Pilot'S Emergency Cargo Release



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/22/19

Job Tracking No:

Due Date: 3/8/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV E SHEETS 21-22 IPP REV:A NEW ISSUE 12-03-22 JLM VERIFIED BY:EC IPP REV:B 12.04.20
per cen-566 DD verf:EC IPP REV:C 12.05.10 per ECN 12-583 DD verf:EC IPP REV:D 16.06.22 PER IIN
REV:E DD verf:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs	3/8/19		0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S169572



Part: D412-704-015

Job No: 191200

Serial No/Batch: S169572

Revision:

Inspector:

Exp Date:

Instructions: TC STC SH93-34 Issue 2 Date 14/04/19

					Packaging 1 - 31	
					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					Packaging 1 - 36	
120 QC 4	1 pcs	3/8/19	0.00 0.00		QC 4 - 26	
					QC 4 - 28	
					QC 4 - 42	
					QC 4 - 58	
					QC 4 - 6	
					QC 4 - 69	
					QC 4 - 9	
					QC 4 - 46	DAS F.D. 46 APR 04 2019 9-89
					Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
130 Packaging 3-1 - Stock - B4B	1 pcs	3/8/19	0.00 0.00		Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
135 DC - 1 - B4B	1 pcs	3/8/19	0.00 0.00		DC - 1 - B4B	DAS 21 APR 04 2019
					DC - 2 - B4B	
140 QC 21 - FG	1 pcs	3/8/19	0.00 0.00		QC 21 - FG - 21	9-89 DAS 21
					QC 21 - FG - 70	
					QC 21 - SA - 53	9-89 APR 04 2019

Part Op 110 - Pick Kit

Descriptions: 120 - QC4- 100% Inspect kits for completeness

130 - Identify and pack for shipping as per PPP D412-704-015 Location: _____ PPP Rev: _____

135 - Document Control - Photocopy bluefile and create labels per PPP D412-704-015 CHG003

140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D3206-3	Pedal Arm	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	F1624901
D3207-5	Bracket	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5051585
D3207-7	Packer	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	F145451
D3207-9	Bracket	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5151960
D3208-1	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	515874
D3208-11	Filler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	503681
D3208-3	Pedal Mount Angle	1 Ea (1 ea)	110-Packaging 1 - Pick Kit	5108768
D3208-7	Filler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5088895
D3208-9	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5044815
D3214-1	Decal	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5072699
D412-704-045	Cable Assembly	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5169377
D412-704-141	Pedal Assembly	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5163457
D4610-1	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5158708
D4610-3	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	F161818
D4610-7	Cover	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5154676
D4622-1	Placard	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5136590
D4622-3	Placard	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5136693
MS21919-DG5	Clamp	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5107702
MS35489-149	Grommet	1 Ea (1 ea)	110-Packaging 1 - Pick Kit	F121692

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	D3206-3	1	7	0
	D3207-5	1	4	0
	D3207-7	1	26	0
	D3207-9	1	10	0
	D3208-1	1	5	0
	D3208-11	1	9	0
	D3208-3	1	7	0
	D3208-7	1	4	0
	D3208-9	1	8	0
	D3214-1	1	9	0
	D412-704-045	1	3	0
	D412-704-141	1	0	0
	D4610-1	1	3	0
	D4610-3	1	3	0
	D4610-7	1	14	0
	D4622-1	1	11	0
	D4622-3	1	11	0
	MS21919-DG5	4	44	0
	MS35489-149	1	69	0

Part Specifications

Specifications could not be found.

Plex 2/22/19 1:56 PM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

5.0 PARTS LIST

Qty -011	Qty -013	Qty -015	Qty -041	Qty -141	Qty -043	Qty -045	Part Number	Description
X							D412-704-011	COPILOT'S EMERGENCY CARGO RELEASE KIT (210/212/214)
	X						D205-704-013	COPILOT'S EMERGENCY CARGO RELEASE KIT (205)
		X					D412-704-015	COPILOT'S EMERGENCY CARGO RELEASE KIT (412)
1	1		X				D412-704-041	PEDAL ASSEMBLY (205/210/212/214)
		1		X			D412-704-141	PEDAL ASSEMBLY (412)
	1				X		D205-704-043	CABLE ASSEMBLY (205)
1		1				X	D412-704-045	CABLE ASSEMBLY (210/212/214/412)
			1	1			D3204-041	PEDAL ASSEMBLY (OR ECM 999702-1)
			1	1			D3205-1	PEDAL BRACKET (OR ECM 999703-1)
			1	1			D3205-3	BACK PLATE (OR ECM 999709-5)
			1	1			D3206-1	PEDAL ARM (OR ECM 999704-1)
		1					D3206-3	PEDAL ARM
	1						D3207-1	BRACKET
	1						D3207-3	BRACKET
1		1					D3207-5	BRACKET
1	1	1					D3207-7	PACKER
		1					D3207-9	BRACKET
1							D3207-11	BRACKET
1	1	1					D3208-1	DOUBLER (OR ECM 999709-1)
1	1	1					D3208-3	PEDAL MOUNT ANGLE (OR ECM 999709-7)
	1						D3208-5	MOUNT ANGLE
1	1	1					D3208-7	FILLER (OR ECM 999709-3)
1		1					D3208-9	DOUBLER
1		1					D3208-11	FILLER
			1	1			D3209-041	BRACKET ASSEMBLY (OR BHT 204-070-993-001)
1	1	1					D3214-1	PLACARD (OR ECM 999712-1)
					1		D3217-1	CABLE
						1	D3217-3	CABLE
					1	1	D3257-1	FITTING
					1	1	D3258-1	ANGLE BRACKET
		1					D4610-1	DOUBLER
		1					D4610-3	DOUBLER
			1	1			D4610-5	SHIM
		1					D4610-7	COVER
				1			D4611-1	BUSHING
		1					D4622-1	PLACARD
		1					D4622-3	PLACARD
			1	1	1	1	AN3-10A	BOLT
			1	1			AN315-4R	NUT
					1	1	AN3-5A	BOLT
			2	2			AN3-6A	BOLT
			1	1			AN4-10A	BOLT
			2				AN4-11A	BOLT
				2			AN4-12A	BOLT
			1				AN4-13A	BOLT
				1			MS20002-4	WASHER
				1			MS20004-24	BOLT

Qty -011	Qty -013	Qty -015	Qty -041	Qty -141	Qty -043	Qty -045	Part Number	Description
			3	3	2	2	MS21042L3	NUT (OR MS21042-3)
			5	5			MS21042L4	NUT (OR MS21042-4)
4	4	4					MS21919DG5	CLAMP
			1				MS24694-S102	SCREW
				1			MS24694-S104	SCREW
	2						MS35489-10	GROMMET
		1					MS35489-149	GROMMET
			1	1			MS9519-10	BOLT
			4	4	2	2	NAS1149D0332J	WASHER (OR AN960JD10L)
			5	5	2	2	NAS1149D0363J	WASHER (OR AN960JD10)
			3	2			NAS1149D0416J	WASHER (OR AN960JD416L)
			14	13			NAS1149D0463J	WASHER (OR AN960JD416)
					3	3	NAS509-3	NUT

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **E**

Date: 16.05.05

Change Record

PAGE 1 OF 1

Part Number: D412-704-015

Description: CO-PILOT EMERGENCY CARGO RELEASE (412)[illegible]